

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be consulted
for specific requirements.

U.S Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)
Bonide Shotgun Rabbit & Deer Repellent

ID No. 4136
Date: November 30, 1998

Section I

Bonide Products, Inc.	(800) 424-9300
2 Wurz Ave	(315) 736-8231
Yorkville, NY 13495	

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s)	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Thiram (tetramethylthiuram disulphide) CAS No. 137-26-8				

Section III - Physical/Chemical Ingredients

BOILING POINT: NA
SPECIFIC GRAVITY (H₂O=1): 1.07
VAPOR PRESSURE (mm Hg) Technical: <10 -5 mbar at 20°C
SOLUBILITY IN WATER: 30 mg/L Technical
EVAPORATION RATE (Butyl Acetate=1): NA
MELTING POINT: 155 C Technical
VAPOR DENSITY (Air=1): NA
APPEARANCE AND ODOR: Blue Colored Liquid

Section IV - Fire and Explosion Data

FLASHPOINT: 110°F FLAMMABLE LIMITS: NA UEL: - LEL: -
EXTINGUISHING MEDIA: Foam, CO₂
SPECIAL FIRE FIGHTING PROCEDURES: Backpacks and protective gear recommended. Extinguish all sources of ignition.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NA

Section V - Reactivity Data

STABILITY: Stable
CONDITIONS TO AVOID: NA
INCOMPATIBILITY (Materials to Avoid): NA
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NA
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: NA

Section VI - Health Hazard Information

ROUTES OF ENTRY: Inhalation: NA Skin: Yes Ingestion: Yes
SIGNS AND SYMPTOMS OF EXPOSURE: May irritate eyes, skin and mucous membranes of respiratory tract in susceptible individuals.
EMERGENCY AND FIRST AID PROCEDURES:
SKIN: Wash with soap and water.
EYES: Flush with plenty of water.
INGESTION: Induce vomiting. Seek medical attention.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None.

Section VII - Precautions for Safe Handling/Use

HANDLING AND STORAGE: Store in a cool, dry place away from heat or flame. Avoid freezing. Keep out of reach of children.

OTHER PRECAUTIONS: Do not consume alcohol on a day when Thiram is used.

PERSONAL PROTECTIONS AND CONTROL MEASURES:

RESPIRATORY PROTECTION (Specify Type): NA

VENTILATION: Outdoor use only.

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Goggles if desired.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls

WORK/HYGIENIC PRACTICES: Read label before use. Follow instructions precisely.

Section VIII - Environmental and Disposal Information

SPILL OR LEAK PROCEDURES: Avoid contact with spilled material. Extinguish all flames in vicinity.

WASTE DISPOSAL METHOD: Soak up with absorbent. Product that cannot be used according to label directions must be disposed of according to Federal, State and local law.

KEEP OUT OF REACH OF CHILDREN

ABBREVIATION KEY

N/A: NOT AVAILABLE OR APPLICABLE

N/E: NOT ESTABLISHED

ND: Not Determined

TLV: THRESHOLD LIMIT VALUE

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

STEL: SHORT TERM EXPOSURE LIMIT

D.O.T.: DEPARTMENT OF TRANSPORTATION

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